PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

PCT/EP 03 / 0 3 3 5 3

International Application No.

(28. 03. 2003) International Filing Date

28 MAR 2003

OFFICE EUROPUEN DES BREVITS DEMANDE INTERNATIONALE POF

Name of receiving Office and "PCT International Application"

	Applicant's or agent' (if desired) (12 chara	s file reference cters maximum)	03/084 PCT
Box No. I TITLE OF INVENTION Combined DNA/Protein Vaccine Compositions	_		
Box No. II APPLICANT This person	on is also inventor		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen	the address indicated in thi	Telephone No.	
BRENNTAG BIOSECTOR A/S Elsenbakken 23		Facsimile No.	
DK-3600 Frederikssund Denmark		Teleprinter No.	
		Applicant's reg	istration No. with the Office
State (that is, country) of nationality: DK	State (that is, country DK	of residence:	
This person is applicant for the purposes of: all designated States all designated the United S	d States except tates of America	the United States of America only	the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Name and address: (Family name followed by given name; for a legal ent. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence REIMANN, Hansjörg, Prof. Dr. Ringstrasse 88 D-89081 Ulm-Lehr Germany State (that is, country) of nationality:	he address indicated in this ce is indicated below.)	invento is marka	nt only nt and inventor r only (If this check-box ed, do not fill in below.) stration No. with the Office
DE	State (that is, country) DE	of residence:	
for the purposes of: States the United St	States except ates of America	the United States of America only	the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated or	n a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR	CORRESPOND	ENCE
The person identified below is hereby/has been appointed to act o of the applicant(s) before the competent International Authorities	as:	agent	common representative
Name and address: (Family name followed by given name; for a legal entire The address must include postal code and name of con HUYGENS, Arthur V., Dr.	y, full official designation. untry.)	Telephone No. +31 30 688	3883
Octrooibureau Huygens P.O. Box 86		Facsimile No. +31 30 687	4295
3400 AB IJsselstein The Netherlands		Teleprinter No.	
		20210	on No. with the Office
Address for correspondence: Mark this check-box where n space above is used instead to indicate a special address to w	o agent or common rep	resentative is/has b	peen appointed and the

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER)	· ·
If none of the following sub-boxes is used, this sheet should not be included in the re	quest.
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) SCHIRMBECK, Reinhold Alois, Prof. Dr. Danzigerstrasse 13 D-36381 Krumbach Germany	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: DE State (that is, country) DE	of residence:
This person is applicant	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) LINDBLAD, Erik B., Dr. Frederiksberg Alle 19 B DK-1820 Frederiksberg Denmark	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: DK State (that is, country) DK	of residence:
This person is applicant for the purposes of: all designated all designated States except the United States of America	he United States the States indicated in the Supplemental Box
Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: State (that is, country) of	of residence:
	the States indicated in the Supplemental Box
Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: State (that is, country) of	f residence:
	United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on another continuation sho	eet.

Bo	ОX	No	. V	DESI	GNAT	ION O	FSTAT	ES		M	1ari	k th	ie c	арр	lic	able	e ch	heck	t-bo	oxes	belo	w; c	ıt le	ası	t one must be mai	rked.	
Th	ıe	foll	lowin	g desig	gnations	s are he	reby mad	e und	er I	Ru	ule	4.9	— Э(а):				-									· · · · · · · · · · · · · · · · · · ·
R	eg	ion	al P	atent																							
			Sta spe	te whi	ch is a dotted	Contractions (Contractions)	cting Stat	te of t	he	: H:	lara	are	Pr	oto	1 1 000	anz ol aı	anı nd o	a, U of th	he I	Uga PCT	nda, ` <i>(if c</i> 	ZN the	I Za r kii	am nd	i, MZ Mozamb bia, ZW Zimbal of protection or	bwe, and an treatment c	ny other desired,
DK1]	EA	Pate	ent Co	an rede nventio	ration, n and of	f the PCT	istan,	IW	MI.	Tu	ırkn	nei	nis	tan	ı, ar	id a	iny (oth	er S	tate	whi	ch i	s a	khstan, MD Rep Contracting Sta	ite of the E	urasian
8 0			IE I any	reland, other	IT Ital State w	rmany, y, LU L hich is	Luxembou a Contrac	mark, irg, M cting :	C I Star	Mo ate	Est Iona of	ston aco f the	iia, , N e E	ES IL Euro	SS Ne op:	pai thei ean	n, I rlan Pat	FIF ds, tent	Finla PT Co	and, Por onve	FR tugal ntio	Fra , Sl n ar	ince E Sv id o	we ft	chtenstein, CY C GB United Kingd den, SK Slovakia he PCT	dom, GR C	Greece, ey, and
· [X]	()A	TD	Chad,	TG To	go, and	any other	atoria r State	w	oui Vhic	une ich	ea, (i is a	GV a n	∧v (nen	Gu nb	inea er S	a-B tate	issa e of	iu, I	ML API:	Mal and a	i, N	IR ontr	Ma act	CI Côte d'Ivoire auritania, NE Ni ting State of the	iger, SN Se	negal,
Na	ti	ona	ıl Pa	tent (if other	kind of	protectio	n or ti	ear	ıtm	nen.	ıt de	esii	red	l, s	peci	fy c	on d	lotte	ed lii	ne):						
X	A	ΕŲ	Unite	d Arab	Emirat	tes		X	GΜ	ИC	Gar	mbi	ia									X	NZ	. 1	New Zealand		
X	A	G ₄	Antig	ua and	Barbuc	ia		X	IR	₹ С	Cro	oatia	а.					· • • •				M			~		
	A.	LA	Alban	iia	• • • • • •	• • • • • •	· · · · · · · · · · ·	[X]]	U	JH	Hur	nga	ry	٠.						• • •	• • •	X	PH	I	Oman Philippines		
	А.	TAT \	Alme	ша				W.I	"	- 11	Inda	lone	2010									~	TAT		Poland		
X	 A 1	Ū A	Austra	alia	· · · · · · ·		· · · · · · · · ·	X	N	I:	Isra Indi	iei. Iia		• • •	• •			• • •		• • •	• • •		PT	F	ortugal	• • • • • • • • • •	• • • •
Z .	A:	Z /	\zerb	aijan .				X) I	S	Ic	[cel	lanc	d									X			comania Russian Federatio		
	B	A E	Bosnia	a and I	Ierzego	vina		X J	P	Ja	Japa	an .														л	• • • • •
	B]	ВЕ	Barba	dos				XI F	Œ	: K	Ken	ทงล										$\mathbf{\nabla}$	SD			• • • • • • • •	• • • •
155) j	B	GE	Bulga	ria	• • • • • •	• • • • • •		XII	(G	K	Kyr	rgyz	zsta	an			• •	• • •				X	SE	S	weden		
	R1	K E	Srazıı Relamı		• • • • • •	• • • • • •		E INTE	P	D	Den	noc	:rat	tic	Pe	ople	e's i	Rep	oubl	lic	~	M	SG	S	ingapore		
	B2	Z B	Belize					⊠ 16	R	(O)	DI K	Sor.	ea lic	··	 V		• •	• • •	• • •	٠	· F		SI	S	lovenia lovakia	• • • • • • • • •	• • • • •
	C.	4 C	anad	a				X	Z	K	Caz	zakł	ist	an							• • •	X	SK. St.	2	iovakia ierra Leone	• • • • • • • • •	• • • •
	CI	& F	LIS	Switzer	land an	d Liech	ntenstein	MAI T	C	Sa	Sain	nt L	uc	ia								X	TJ	Т	ajikistan	• • • • • • • • •	
M	Cr	N C	hina											l								X	ТМ	T	urkmenistan		
(55) (57)	CC) C	olom	bia				X I	R	Li	Libe	eria										•		_			
(201 (127) ∕	∵h ^t	1 0	osta	Rica		• • • • •		IXI T	S	Le	Lesc	otho	o .	٠.		• • •		• • •	٠		إ	X	TR	T	unisia urkey		
	_ (, .	uva .						1	Lı	∟ithi	ıuan	11a								ŀ	X)	TT	T	rinidad and Toba	ıgo	1
) F	G	erma	nv	110	• • • • • •		120 T	U. V	L	uxe	emi	DOI	urg	5						,	.	T				· · · ·
X I) ŀ	C D	enma	ark		 		M M	TA	M	лагу Лот	rocc	٠.										IZ.	U	nited Republic o kraine	f Tanzania	İ
NOT T	'n	ענו	omin	ica				X M	(D	Re	tepi	ubli	ic	of	M	oldo	ova	• • •				2	IIC.	11	ganda	• • • • • • •	• • • •
														٠.									US	U	nited States of A	merica	• • • •
X E	EC	: E	cuado	or				M M	[G]	M	/Iad	laga	asc	ar .													
X E	Œ	E	stonia	a				X M	K	Th	he	for	me	r Y	ľųį	gosl	av.	Rep	oubl	lic o			υZ	U:	zbekistan	· • • • • • • • • • • • • • • • • • • •	
																					[K)	VN	V	iet Nam		1
						• • • • •		M M	N	M	1on	ıgol	lia									и ,	UTI	w.			
_				Kingd				MAXIM MAXIM	W	M	1ala	awi	•	• •		• •	٠.	٠.,			[X 2	ZA	Sc	outh Africa		- 1
)P	: G	eorgi:	id 9				100 J [V]	X I	M	1exi	.1CO		• •	٠.	• • •		• • •		• • •	[ZM	Za	ambia mbabwe		
K G	SH	G:	corgi. hana	a 				K N	. Z. I N. 1	No	10Zi	amı	biq ,	ļue		• • •	• •	• • •	• • •	• • • •	1	S I 2	ZW	Zi	mbabwe	• • • • • • • • •	
												-															
5 (p:	ix s et.ir	ichtic	oned a	i po ve. ° iei żiśi	.e.,		数: 数./	SC	. بر . م	?	s (Se	بر د د	S	عا	11.0	l TY	he.	<u>ب</u>	ιεņ	[₹ .].	. () 	1.	ce of this sheet:	O	
exclu any d	de	d fi	rom ti ation	he scor which	e of thi	s staten onfirm	ent: In a permitted nent. The ed before	addition unde applie the e	on t thean	to he nt d irat	the PC dec	e de CT clar	esi ex es	gn: cep tha	atiot a at tl	ons any hose	ma des	ide a sign Iditi	abo atio	ove, i on(s al de	the a) ind sign	pplication	ican ted i	it a	also makes under the Supplementa subject to confirm oe regarded as with the 15-m	Rule 4.9(b al Box as be mation and	eing that

Form PCT/RO/101 (second sheet) (July 2002)

Sheet No. ...4...

Box No. VI PRIORITY	CLAIM			
The priority of the followin	g earlier application(s) is here	by claimed:		
Filing date of earlier application	Number	V	Where earlier application	ı is:
(day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international applications
1tem (1) 28 MAR 2002 (28.08.2002)	02076276.1		EP	
item (2) 10 FEB 2003 (10.02, 2003)	03075383.4		EP	. ,
item (3)				
item (4)				
item (5)				
Further priority claims a	are indicated in the Supplemen	ntal Box.		
* Where the earlier application Industrial Property or one Me	on is an ARIPO application, inc ember of the World Trade Org	item (3) item (dicate at least one country particular for which that each	ional application is the re item (5) party to the Paris Converurlier application was file	other, see Supplemental Box ntion for the Protection of the (Rule 4.10(b)(ii)):
ISA /		• • • • • • • • • • • • • • • • • • • •		•••••
Request to use results of ear International Searching Author	ruy).			by or requested from the
Date (day/month/year) 17 March 2003	Number		y (or regional Office)	
Box No. VIII DECLARAT		07 0363	PO	
The following declarations a check-boxes below and indicate	re contained in Boxes Nos. Ve in the right column the numb	III (i) to (v) (mark the app er of each type of declarati	olicable on):	Number of declarations
Box No. VIII (i)	Declaration as to the identity	of the inventor		:
Box No. VIII (ii)	Declaration as to the applical date, to apply for and be gran	nt's entitlement, as at the i	nternational filing	:
Box No. VIII (iii)	Declaration as to the applica date, to claim the priority of	ant's entitlement, as at the the earlier application	international filing	:
Box No. VIII (iv)	Declaration of inventorship (United States of America)	only for the purposes of the	ne designation of the	:
Box No. VIII (v)	Declaration as to non-prejudi	icial disclosures or excepti	ons to lack of novelty	:
			·	

Sheet No. ...5...

This international application contains: (a) the following number of		
sheets in paper form: request (including declaration sheets) : 5 description (excluding sequence listing part) : 13 claims : 2 abstract : 1 drawings : 1 Sub-total number of sheets : 22 sequence listing part of description (actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (b) below) : 0 Total number of sheets : 22 (b) sequence listing part of description filed in computer readable form (i) only (under Section 801(a)(i)) (ii) in addition to being filed in paper form (under Section 801(a)(ii)) Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column): Figure of the drawings which should accompany the abstract:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item): 1.	- rquite
	Huygens, Arthur Victor	
. Date of actual receipt of the purported international application:	Huygens, Arthur Victor For receiving Office use only (2 8. 03. 2003) 2 8 MAR 2003 2. Drawi	ngs:
Date of actual receipt of the purported international application: Corrected date of actual receipt due to later b timely received papers or drawings completing the purported international application: Date of timely receipt of the required corrections under PCT Article 11(2): International Searching Authority (if two or more are competent): ISA /	For receiving Office use only (2 8. 03. 2003) 2 8 MAR 2003 2. Drawing receiving Office use only	